

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Slater

Serial No.: 09/787,189 Filed: March 15, 2001

For:

LOW TEMPERATURE FORMATION OF

BACKSIDE OHMIC CONTACTS FOR

VERTICAL DEVICES

February 11, 2002

Assistant Commissioner for Patents Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT **CITATION UNDER 37 C.F.R. 1.97**

Sir:

Attached is a list of fifteen (15) documents on form PTO-1449, some of which are cited in the International Search Report for the corresponding International Application PCT/US99/21475. Copies of the Search Report and these documents are enclosed. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and MPEP § 609.

Respectfully submitted,

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CERTIFICATE OF MAILING

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Substitute	e for form 1449A/PTC)	TRE THAT	EMP	Complete if Known
				Application Number	09/787,189
INFO	RMATION	DIS	CLOSURE	Filing Date	March 15, 2001
STATEMENT BY APPLICANT		First Named Inventor	Slater		
_				Group Art Unit	
	(use as many she	ets as	necessary)	Examiner Name	
Sheet	1	of	2	Attorney Docket Number	5000.113

				U.S. PATENT DOCUM	MENTS	
Examiner Initials *	Cite No.1	U.S. Patent Docu Number Kind C	Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
	1	4,947,218		Edmond et al.	08-07-1990	
	2	5,235,195		Tran et al.	08-10-1993	
	3	5,270,554		Palmour	12-14-1993	
	4	5,323,022		Glass et al.	06-21-1994	
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	6	6,011,279		Singh et al.	01-04-2000	
	7	6,015,459		Jamison et al.	01-18-2000	
	8	20010010449	A1	Chiu et al.	08-02-2001	
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Examiner Initials*	Cite ' No.1	For Office ³		nent nd Code ⁵ f known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
	9	wo	98/37584	A1	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	08-27-1998		
	10	JP	09082663		Fuji Electric Co. Ltd.	03-28-1997		
	11	EP	0276002	⁄ A2	Hosiden Electronics Co., Ltd.	07-27-1988		
			<u>-</u>					

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

	Complete if Known	
Application Number	09/787,189	
Filing Date	March 15, 2001	
First Named Inventor	Slater	-
Group Art Unit		
Examiner Name		
Attorney Docket Number	5000.113	

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
	12	SPIEß (aka "Spiess"), Aluminum implantation of p-SiC for ohmic contacts, First European Conference on Silicon Carbide and Related Materials (ECSCRM 96), Oct. 6-9, 1996, pp. 1414-1419, Vol. 6, no. 10, Elsevier, Switzerland				
	13	DEV ALOK ET AL, Low Contact Resistivity Ohmic Contacts to 6H-Silicon Carbide, Proceedings of the International Electron Devices Meeting, 1993, pp. 691-694, IEEE, New York				
	14	CHEN ET AL., Contact Resistivity of Re, Pt and Ta Films on n-Type Beta-SiC: Preliminary Results, Materials Science and Engineering, 01/01/1995, pp. 185-189, Vol. B29, no. 1/03, Elsevier Sequoia, Lausanne				
	15_	PORTER ET AL, A critical review of ohmic and rectifying contacts for silicon carbide, Materials Science and Engineering, 11-01-1995, pp. 83-105, Vol. B34, no. 2/03, Elsevier Sequoia, Lausanne				
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	Examiner	Date	
l	Signature	Considered	

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